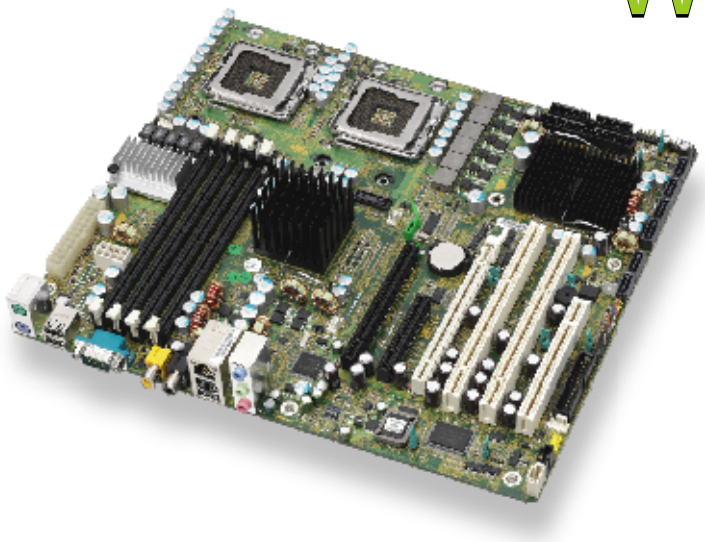
TYAN

Workstation Solution



Tempest i5000XL

S2692

intel Xeon® inside™

Dual Xeon "Greencreek" Workstation (CEB)

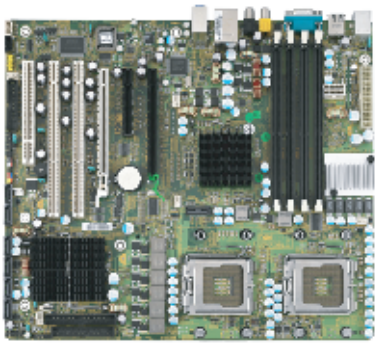
- Dual Intel® Xeon® 5000/5100/5300 CPUs (socket-771), with PECI ready
- (4) Fully-Buffered DIMMs, supporting max. 16GB DDR2 FB-DIMM 667/533 memory
- (2) PCI-E x16 slots (one x8 sig. from 6321ESB;one x16 signals for graphics cards)
  (1) PCI-E x8 slot (x4 sig. from 6321ESB)
  (2) PCI-X 133/100MHz slots from 6321ESB
  (1) PCI 32-bit 33MHz slot
- (6) SATA2 ports from ESB2 South Bridge
- (1) Gigabit Ethernet LANs (Intel® 82563 single PHY)

(Specifications are subject to change without notice. Items pictured may only be representative.)

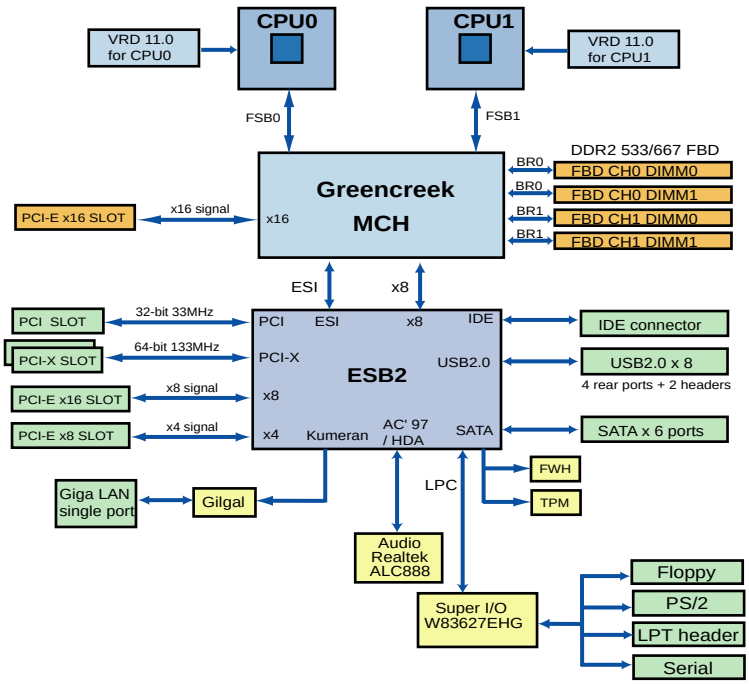
Tempest i5000XL

S2692

TOP View



Block Diagram



S P E C I F I C A T I O N S

Processors
- Dual LGA771 sockets
- Supports up to two Intel® Xeon® processors 5000/5100/5300 series; dual-core; quad-core
- 1333/1066/667 MHz FSB; VRD 11.0

Chipset
- Intel® 5000X + 6321ESB chipset
- Supports for 1.33/1.06 MHz FSB
- Winbond W83627EHG Super I/O chip

Memory
- (4) 240-pin DDR2 FBDIMM sockets
- Dual channel memory; supports ECC DIMMs
- Supports maximum of 16GB of DDR2-533/667

Expansion Slots
- (2) PCI-E x16 slots (one x8 sig. from 6321ESB;one x16 signals for graphics cards)
- (1) PCI-E x8 slot (x4 sig. from 6321ESB)
- (2) PCI-X 133/100MHz slots from 6321ESB
- (1) PCI 32-bit 33MHz slot

Integrated I/O
- (4) USB 2.0 ports (via two headers)
- (6) standard SATA2 connectors
- (1) IDE and (1) floppy ports
- (1) 4-pin CD-in header & (1) 4-pin Aux-in header
- (1) LPT header

Back Panel I/O
- Stacked PS/2 keyboard & mouse connectors
- Stacked USB 2.0 ports (2)
- (1) 9-pin 16550 UART serial port connector
- Stacked USB 2.0 ports (2) & RJ45 connector
- Stacked Line-in, Line-out, Mic-in audio

System Management
- ADI ADT7470 Hardware Monitor
- CPU thermal & voltage monitor support
- Five (5) fan headers (4-pin configuration)

Integrated SATA Controller
- Six (6) SATA-II ports running at 3.0Gb/s
- RAID 0, 1, 5 & 10 supported (Window OS only)

Integrated Audio Controller
- HDA link; SPDIF port in rear
- RealTek ALC888 controller (High-Def. Audio)
- Stacked Mic-in/Line-in/Line-out rear ports
- Front panel audio header
- CD-in, Aux-in headers (4-pin configuration)

Integrated LAN Controllers
- One Intel® "Gilgal" (82564EB) PHY Gigabit Ethernet LAN port - Direct link to ESB2

BIOS
- Phoenix BIOS® on 8Mbit Flash ROM
- Support APM 1.2, ACPI 2.0
- Serial Console Redirect
- PXE via Ethernet, USB device boot
- PnP, DMI 2.0, WfM 2.0 Power Management
- User-configurable H/W monitoring
- Auto-configuration of hard disk types
- Multiple boot options
- 48-bit LBA support

Form Factor
- CEB (12" x 10.5")

Power
- EPS12V / SSI (24 + 8 pin) power connectors

Regulatory
- FCC Class B (Declaration of Conformity)
- European Community CE (DoC); BSMI

TYAN COMPUTER CORP.

Tyan Computer USA
Tel: +510-651-8868
Fax: +1-510-651-7688

Tyan Computer Taiwan
Tel: +886-2-8751-2200
Fax: +886-2-8797-2767

Tyan Computer Gremany
Tel: +49-89-318598000
Fax: +49-89-31609236

Tyan Computer UK
Tel: +44 (0) 870-027-2881

Tyan Computer Netherlands
Tel: +31-10-2467722
Fax: +31-10-4735881

Tyan Computer China
Tel: +86-010-62555015

Tyan Computer Japen
Tel: +81-3-3837-7580
Fax: +81-3-3837-7581